

Two Workshops at NSLS-II

April 19–21, 2010

Building 703, Large Conference Room

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Workshop II – Scientific Computing at Modern Synchrotron User Facilities

Agenda for 21st April 21, 2010

9:00 a.m.	Qun Shen (BNL, NSLS-II Experimental Facilities Director)	Welcome, Workshop Charge, and NSLS-II status
9:20	Dieter Schneider (BNL, Biology)	Likely Evolution of Computational Infrastructure for Bio-beamlines Over the Next Five Years
9:35	Discussion	
9:40	Tony Lanzirotti (U. of Chicago)	Computational Needs and Requirements for X-ray Fluorescence Microspectroscopy Users Now and Into the Future
9:55	Discussion	
10:00	Peter Siddons (BNL, NSLS)	<i>title tba</i>
10:20	Discussion	
10:30	Coffee break	
11:00	Francesco De Carlo (APS, ANL)	Computational Infrastructure For a Fast Tomography Beamline: Present and Future
11:30	Discussion	
11:35	Vicente Sole Jover (ESRF)	Scientific Computing at the ESRF
12:05 pm	Discussion	
12:10	Lunch	Walk or drive to Berkner Hall
1:10	Ray Osborn (APS)	A Python-based Approach to Interactive X-ray and Neutron Data Analysis
1:40	Discussion	
1:45	Amedeo Perazzo (SLAC)	<i>title tba</i>
2:15	Discussion	

2:20	Coffee	
2:50	Steve Miller (SNS)	Scientific Computing at the SNS: a Look at the Past, Present, and Future
3:20	Discussion	
3:25	Shigeki Misawa (BNL, Physics)	BNL Large-scale Computing Facility
3:55	Discussion	
4:00	Wrap-up discussion	